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CONFIDENTIAL

20 DEC 1982

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201 FILE
EXEC. REG.

MEMORANDUM FOR: Deputy Director for Science and Technology

FROM: [redacted] 25X1
Director, Foreign Broadcast Information Service

SUBJECT: FBIS Engineering Personnel Requirements - FY 1983-86 [redacted] 25X1

1. FBIS has a present need to identify engineering personnel to fill senior positions in the modernization program which is due to begin in FY-1984. A schedule for planned increases in our engineering personnel and the skill levels required is outlined below. [redacted] 25X1

2. While we continue to attempt to fill engineering positions through regular O/P channels, and plan recruiting visits to universities having engineering departments, we have a near-term need for highly qualified personnel in certain categories. We anticipate that regular external recruitment will be unable to satisfy all these requirements. I request, therefore, that your staff be tasked to assist us now and in the future in locating promising candidates within the directorate who would be available for transfer or rotation to FBIS. [redacted] 25X1

3. Based on current budget projections and scheduling the engineering staffing should be implemented as follows:

FY-83

INTERNET	Program Manager, GS-15	1 (Immediate need)

[All the positions listed below are needed by the beginning of the fiscal year listed. The EOD at FBIS should be the third quarter of the previous year to allow a reasonable phase-in and familiarization period. Thus, the three positions identified for FY-84 should be filled by midsummer calendar 1983.]

FY-84

[redacted]	Electronic Engineer, GS-12/15	1
INTERNET	Electro-Mechanical Engineer, GS-14	1
	Electronic Engineer, GS-12/15	1

25X1

[redacted] 25X1

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SUBJECT: FBIS Engineering Personnel Requirements - FY 1983-86 [redacted] 25X1

FY-85

[redacted]	Electronic Engineer, GS-12/15	1	25X1
INTERNET	Electronic Engineer, GS-12/15	1	

FY-86

[redacted]	Electronic Engineer, GS-12/15	1	25 25X1

4. The position requirements are:

Program Manager

The Program Manager will direct the INTERNET program with responsibility for technical, administrative, and financial actions. Participation in design reviews at the system and subsystem level, system configuration studies, and system protocol implementations are considered an integral part of this function. The necessary skills include a current working knowledge of contractual procedures and methods, the ability to review critically the technical plans and programs, and the ability to direct technical design teams, both from the contractor and government. As Program Manager this person must maintain a continuing familiarity with communications and satellite technology in order to ensure a cost effective INTERNET system which is responsive to requirements while exhibiting the maximum capability base line. This position is considered a senior level assignment at the GS-15 grade requiring as a minimum a bachelor's degree in engineering and/or physics and demonstrated experience in managing large system developments. Advanced degrees in engineering and/or physics are desirable. [redacted] 25X1

Electro-Mechanical Engineer

The electro-mechanical engineer will be assigned to the INTERNET staff and will be participating in the communications systems integration, servo-mechanisms specification and installation, site construction, and total system installation. A bachelor's or master's degree in electrical engineering or physics is required. As this position will require extensive COTR work with local civil, electrical, and power engineering firms a basic knowledge of civil engineering is desirable. Familiarity with Agency contract management and procedures is necessary as is the ability to work with both government and industrial staffs. [redacted] 25X1

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SUBJECT: FBIS Engineering Personnel Requirements - FY 1983-86 [redacted] 25X1

This position is considered to be at the GS-14 level. At times when the INTERNET Program Manager is not available the incumbent will be required to make decisions for him. [redacted] 25X1

Electronic Engineer

This person must have a bachelor's or master's degree in electrical engineering/physics. Experience in communications systems, microwave components, digital logic, and circuit design is desired. Familiarity with contract management and procurement procedures is necessary as is the ability to work with both government and industrial technical staffs. It will be expected that this individual will be capable of performing system analysis, cost tradeoff analysis, and reliability studies in support of major systems, The grade spread for these positions will be dictated by the individual's qualifications and experience and is expected to range from GS-12/15. [redacted] 25X1

5. Emphasis will be placed on candidates having industrial or government experience, but a number of the openings should be reserved for promising younger candidates so that the staff will have personnel continuity and career development opportunities in the coming years. [redacted] 25X1

[redacted] 25X1

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